

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate

Number ST00627DE

This certificate, issued to The National Science Foundation
4201 Wilson Boulevard
Arlington, Virginia 22230

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. Certification basis is set forth in Type Certificate Data Sheet A12EA

Original Product—Type Certificate Number: A12EA
Make: Gulfstream
Model: GV (S/N 677)

Description of the Type Design Change:

Installation of dual canister outboard wing store pylons, (100 pounds per pylon at L&R wing butt line 264) to support atmospheric research in accordance with National Center for Atmospheric Research Master Drawing List MDL-100-06, Revision A, dated December 12, 2006 or later FAA approved revision..

Limitations and Conditions:

1. A copy of this certificate, the FAA Approved Airplane Flight Manual Supplement, No. GV-2007-02, Rev. Original, dated and approved April 11, 2007, or later FAA approved revision, and the FAA accepted Instructions for Continued Airworthiness ICA-100-06, dated January 31, 2007 or later FAA accepted revision are required and must be maintained as a part of the permanent records for this aircraft.
2. This approval is limited to Gulfstream Model GV, Serial No. 677 only.
3. Compatibility of this design change with previously approved modifications must be determined by the installer.
4. STC No. ST03056AT is a required installation for this STC.
5. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 25, 2006
Date of issuance: April 17, 2007

Date reissued
Date amended:



By direction of the Administrator

Melissa Sandow (Signature) Senior Engineer,
Northwest Mountain Region
Denver Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.